



SF 600 - SF 700

MATFIL series filter media in synthetic fibers

Product	SF 600	SF 700	
UNI EN 779 class	F 5	F 5	
EUROVENT class	EU 5	EU 5	
Am ASHRAE 52.1.1992	95 %	98 %	
Suggested final pressure drop	450 Pa	450 Pa	
Maximum operating temperature	100 °C	100 °C	
Fire reaction according to DIN 53438	F 1	F 1	

SF 600 –700 MATFIL filter media are made of synthetic self-extinguishing micro-fibers, with progressive structure, of various sizes and lengths, combined with special resins. They come with 2 different arrestance/dust filtration efficiency values; they are supplied in 20 m long and 2 m wide rolls or on request in panels of various sizes.

A special fabric on the air outlet side assures an effective dimensional stability and prevents fiber release. The media are self-extinguishing belonging to class F1 DIN 53438. Dust arrestance levels are more or less constant in time; and dust holding capacity is high whereas pressure drop levels have minimal variations between the initial and final values. Another advantage of MATFIL media is their insensitivity to atmospheric agents. These media are disposable and must be properly disposed of at the end of their operating life.

Applications SF 600 –700 MATFIL filter media are suitable especially for industrial painting plants for top quality finishing and in drying tunnels.

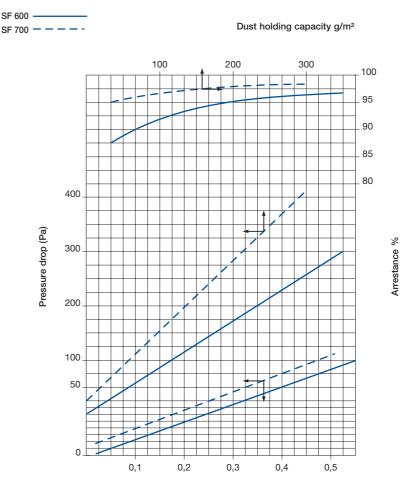
Thanks to their top quality and high efficiency level they can be used in numerous conditioning and ventilation applications, both as sole filter or as pre-filters upstream of absolute of semi-absolute filters.

Installation SF 600 –700 MATFIL filters are suitable for installation in proper galvanized steel sheet frames. Face surface begin equal these panels can be positioned in a flat or pleated position to increase the filtration surface.

These panels can be installed in a flat or perpendicular position to the air flow, or Vpositioned in proper U-shaped guides from which they can be extracted for maintenance operations.

Туре	Length	Di	mension Height	-	Thickness	Rated air velocity	Initial pressure drop
	(m)		(m)		(mm)	m/s	Pa
SF 600	20	х	2	х	20	0,25	30
SF 700	20	х	2	х	25	0,25	40
SF B/A	20	х	2	х	20	-	-





Air velocity m/sec.